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PTO/SB/08A (08-00)
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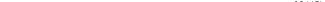
Substitute for form 1449A/PTO				Complete If Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>				Application Number	10/021,661
				Filing Date	Oct. 30, 2001
				First Named Inventor	Thomas A. Wucherer
				Group Art Unit	2474 2165
				Examiner Name	Unknown Abel - Talb, new
Sheet	1	of	5	Attorney Docket Number	TRIRG-08851US0

U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
NAD	4,799,156			Shavit et al.	01-17-1989	
	4,870,576			Tornetta	09-26-1989	
	4,972,318			Brown et al.	11-20-1990	
	4,992,940			Dworkin	02-12-1991	
	5,528,490			Hill	06-18-1996	
	5,666,493			Wojcik et al.	09-09-1997	
	5,694,551			Doyle et al.	12-02-1997	
	5,710,887			Chelliah et al.	01-20-1998	
	5,715,314			Payne et al.	02-03-1998	
	5,742,931			Spiegelhoff et al.	04-21-1998	
	5,754,850			Janssen	05-19-1998	
	5,758,327			Gardner et al.	05-26-1998	
	5,758,328			Giovannoli	05-26-1998	
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	5,765,142			Allred et al.	06-09-1998	
	5,768,142			Jacobs	06-16-1998	
	5,842,178			Giovannoli	11-24-1998	
	5,847,971			Ladner et al.	12-08-1998	
	5,873,076			Barr et al.	02-16-1999	
	5,875,110			Jacobs	02-23-1999	

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Examiner Signature		Date Considered	10/17/05
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¹ Unique citation designation number. ² See attached *Kinds of U.S. Patent Documents*. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet

2

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5

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Application Number	10/021,661
Filing Date	Oct. 30, 2001
First Named Inventor	Thomas A. Wucherer
Group Art Unit	2171 2 165
Examiner Name	Unknown Abel-Jalil, Naseem

Attorney Docket Number

TRIRG-08851US0

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS

Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
NAM		http://www.fedcenter.com printed 5/22/2000	
		http://www.rent.net printed 5/22/2000	
		http://www.apartments.com printed 5/22/2000	
		http://www.us.buy.com printed 5/22/2000	
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		THOMAS A. WUCHERER, "An Architectural Design Program Computer Data Base" December 1987	
		TOM FIELD, "Reengineering the Engineering Business", CIO Magazine Feb. 1, 1998	
		P. KRISTOFF, et al., "The Process Specification System for MMST", IEEE TRANSACTIONS OF SEMICONDUCTOR MANUFACTURING, vol. 8, no. 3, Aug. 1995, pp. 262-271	
		J. MCGEE, et al., "The MMST Computer-Integrated Manufacturing System Framework", IEEE TRANSACTIONS ON SEMICONDUCTOR MANUFACTURING, vol. 7, no. 2, May 1994, pp. 107-116	
		T-K PENG, et al., "A Step Toward STEP-Compatible Engineering Data Management: The Data Models of Product Structure And Engineering Changes", ROBOTICS AND COMPUTER INTEGRATED MANUFACTURING, vol. 14, no. 2, April 1, 1998, pp. 89-109	
✓		HORI, et al., "OpenMES: Scalable Manufacturing Execution Framework Based On Distributed Object Computing", SYSTEMS, MAN AND CYBERNETICS, 1999, IEEE SMC '99 Conf. Proceedings 1999 IEEE Int'l Conf., Tokyo, Japan, Oct. 12-15, 1999, pp. 398-403	

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Considered

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Substitute for form 1449A/PTO		Complete If Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>		Application Number	10/021,661
		Filing Date	Oct. 30, 2001
		First Named Inventor	Thomas A. Wucherer
		Group Art Unit	2174-2 165
		Examiner Name	Unknown Abel, <i>Abel, Nance</i>
Sheet	3	of	5
		Attorney Docket Number	
		TRIRG-08851US0	

U.S. PATENT DOCUMENTS

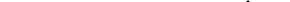
Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
NPZ	5,895,454			Harrington	04-20-1999	
	5,899,980			Wilf et al.	05-04-1999	
	5,903,877			Berkowitz et al.	05-11-1999	
	5,926,798			Carter	07-20-1999	
	5,932,459			Sittinger et al.	08-03-1999	
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	5,956,709			Xue	09-21-1999	
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	6,014,644			Erickson	01-11-2000	
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	6,047,290			Kennedy et al.	04-04-2000	
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	4,700,318			Ockman	10-13-1987	
	5,189,606			Burns et al.	02-23-1993	

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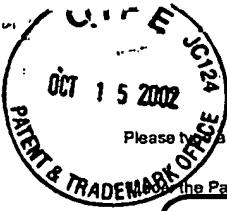
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Examiner Signature		Date Considered	10/17/05
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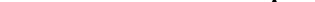
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<p>Substitute for form 1449A/PTO</p> <p>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</p> <p>(use as many sheets as necessary)</p>				<p>Complete If Known</p> <table border="1"> <tr> <td>Application Number</td> <td>10/021,661</td> </tr> <tr> <td>Filing Date</td> <td>Oct. 30, 2001</td> </tr> <tr> <td>First Named Inventor</td> <td>Thomas A. Wucherer</td> </tr> <tr> <td>Group Art Unit</td> <td>2471 2165</td> </tr> <tr> <td>Examiner Name</td> <td>Unknown - Abel - Jall</td> </tr> <tr> <td>Attorney Docket Number</td> <td>TRIRG-08851US0</td> </tr> </table>		Application Number	10/021,661	Filing Date	Oct. 30, 2001	First Named Inventor	Thomas A. Wucherer	Group Art Unit	2471 2165	Examiner Name	Unknown - Abel - Jall	Attorney Docket Number	TRIRG-08851US0
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First Named Inventor	Thomas A. Wucherer																
Group Art Unit	2471 2165																
Examiner Name	Unknown - Abel - Jall																
Attorney Docket Number	TRIRG-08851US0																
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2/24/05

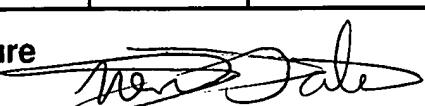
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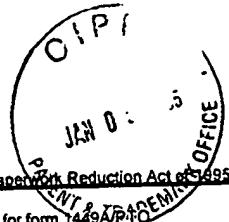
Electronic Version v18

Stylesheet Version v18.0

Title of Invention	INTELLIGENT OBJECT BUILDER		
Application Number : 10/021661  Confirmation Number: 4969 First Named Applicant: Thomas Wucherer Attorney Docket Number: TRIRG-08851US0 Art Unit: 21752165 Examiner: Charles Renes Abel-Jalil Nereen Search string: (4578768 or 4970666 or 5293479 or 5434994 or 5848410 or 5859847 or 5899990 or 5918227 or 5940820 or 5950206 or 5983101 or 6003039 or 6012006 or 6016478 or 6029165 or 6044205 or 6044382 or 6056556 or 6063128).pn			

US Patent Documents							
Note: Applicant is not required to submit a paper copy of cited US Patent Documents							
init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass
1	1	4578768	1986-03-25	Racine			
	2	4970666	1990-11-13	Welsh et al.			
	3	5293479	1994-03-08	Quintero et al.			
	4	5434994	1995-07-18	Shaheen et al.			
	5	5848410	1998-12-08	Walls, et al.			
	6	5859847	1999-01-12	Dew et al.			
	7	5899990	1999-05-04	Maritzen et al.			
	8	5918227	1999-06-29	Polnerow et al.			
	9	5940820	1999-08-17	Kagiwada			
	10	5950206	1999-09-07	Krause			
	11	5983101	1999-11-09	Billstrom			
	12	6003039	1999-12-14	Barry et al.			
	13	6012006	2000-01-04	Ohneda et al.			
	14	6016478	2000-01-18	Zhang et al.			
	15	6029165	2000-02-22	Gable			
	16	6044205	2000-03-28	Reed et al.			
	17	6044382	2000-03-28	Martino			
	18	6056556	2000-05-02	Braun et al.			
19	19	6063128	2000-05-16	Bentley et al.			

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 1

of 11

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Application Number	10/021,661
Filing Date	October 30, 2001
First Named Inventor	Wucherer
Art Unit	2175 2 65
Examiner Name	Renes, Charles
Attorney Docket Number	TRIRG-08851US

Attorney Docket Number TRIRG-08851US0

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FOREIGN PATENT DOCUMENTS

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Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)	MM-DD-YYYY		T ⁶
MD	WO 9838564		09/03/1998	Siebel Systems, Inc.	
MD	WO 9933007		07/01/1999	Rightworks Corporation	

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Application Number	10/021,661
Filing Date	October 30, 2001
First Named Inventor	Wucherer
Art Unit	2175 2165
Examiner Name	Renes, Charles
Attorney Docket Number	TRIRG-08851US

2175 2165

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Zones, Charles

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FOREIGN PATENT DOCUMENTS

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MAP	WO 9838564		09/03/1998	Siebel Systems, Inc.		
MAP	WO 9933007		07/01/1999	Rightworks Corporation		

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